

Outline of the Training Program for Neonatal Screening in SCIPH (2)

➤ Number of Participants

- 10 persons / year

➤ Target Diseases

- Congenital Hypothyroidism & Phenylketonuria

➤ Instruction methods and Contents

- Lecture;
General Remarks & Up-to-date Knowledge
- Hands-on Laboratory Practice:
Primary and Confirmatory test for CH & PKU
- Study Tour;
Children's Hospital, Community Public Health Center

Participate Country and Participants

| Asia | Latin America | Middle East |
|--------------------|---------------|----------------|
| China 3 | Argentina 13 | Egypt 9 |
| India 1 | Brazil 12 | Jordan 4 |
| Indonesia 4 | Chile 2 | Iran 4 |
| Korea 1 | Colombia 1 | Iraq 1 |
| Laos 2 | Costa Rica 2 | Saudi Arabia 2 |
| Malaysia 5 | Ecuador 1 | |
| Nepal 1 | El Salvador 2 | Africa |
| Pakistan 2 | Mexico 13 | Kenya 1 |
| Philippine 6 | Paraguay 1 | Senegal 1 |
| Thailand 13 | Peru 11 | Tanzania 3 |
| Papua New Guinea 2 | Uruguay 3 | Zambia 1 |
| East Europe | | |
| Bulgaria 1 | Macedonia 1 | |
| Latvia 1 | Poland 1 | |

Reviewed and Evaluation of the Training Program

After fulfillment of 15 years' training program, we reviewed and evaluated the outcome of this program. Since 2005, we launched a new program "Support for the establishment of neonatal screening system for congenital hypothyroidism". This new program consists with not only technical training in Japan but also financial and technical assistance for starting congenital hypothyroidism screening in participants' country

The New Training Program

"Support for the establishment of neonatal screening system for congenital hypothyroidism"

1. Aim:

- to provide a forum where medical administration officers, biochemists and pediatricians will learn together and comprehensively recognize the importance of the neonatal screening.

2. Target country & group:

- Panama & Paraguay
- Medical administration officers, laboratory technicians and pediatricians.

3. Continuance & Period:

FY 2005 - 2007, 5 weeks

4. Course objectives:

- 1)To understand;
 - the importance of the screening on maternal and child health administration
 - Cost-benefit of neonatal screening
 - the importance of education for parents
 - the implementation methods of screening system
- 2) To acquire comprehensive knowledge and techniques of sampling, analytical methods and quality assurance
- 3) To acquire the methods of diagnosis, treatment, long-term management and prognosis for CH
- 4) To make a plan to establish neonatal screening system in one's own country, and make a draft proposal of financial request to JICA

Conclusion

➤ The training program must be an effective strategy;

- for development and establishment of neonatal screening system in developing countries.
- for formation of international network among participants, their countries, JICA ,SCIPH and ISNS

➤ For the future subject;

- The training program should be improved more in order to respond to each countries' requirement.
- A systematic follow-up program for participants should be improved.